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(54) Title: **PROCESS FOR ISOLATING NUCLEIC ACID WITH CHAOTROPE AGENTS AND AMMONIUM COMPOUNDS**

(57) Abstract: A process for isolating nucleic acid from a nucleic acid-containing sample, which comprises: (a) providing a chaotrope; (b) providing a nucleic acid binding solid phase capable of binding nucleic acid in the presence of the chaotrope; (c) providing a source of NH₄⁺ or NH₃; (d) contacting the sample with the nucleic acid binding solid phase in the presence of a liquid phase comprising the chaotrope and the NH₄⁺ or NH₃; and (e) optionally separating the solid phase with the nucleic acid bound thereto from the liquid phase.



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